

## CURRICULUM VITAE

### Full name and date

- Salmelin, Riitta Helena
- Female
- Oct 25, 2018

### Date and place of birth, nationality

- Born July 25, 1961, in Tampere, Finland
- Finnish

### Education and degrees awarded

1995 Docent (Applied Physics), Helsinki University of Technology (TKK)  
 1989 D.Sc. in Technology (Low Temperature Physics), TKK  
 1985 M.Sc. in Technology, TKK

### Linguistic skills

Finnish (mother tongue), English (fluent), Swedish, French, German

### Current position

- Tenured Full Professor of Imaging Neuroscience, Aalto University (AALTO) (2012–pres)
- Leader of the Imaging Language research group (1996–pres)
- Coordinator, Finnish Infrastructures for Functional Imaging (FIFI) (2013–pres)

### Most important previous research positions

2006–2016 Academy Professor, Academy of Finland  
 2002–2011 Professor, honorary title, TKK  
 2001–2011 Chief Research Scientist, TKK  
 2000–2001 Senior Research Scientist, TKK  
 1995–2000 Senior Research Scientist, Academy of Finland  
 1991–1995 Senior Research Scientist, TKK  
 1990–1991 Research Fellow, Commissariat d'Energie Atomique, France  
 1985–1990 Research Scientist, TKK

### Research funding

2018–2022 Academy of Finland, project funding, PI *450 kEUR*  
 2015–2019 Academy of Finland, pHEALTH programme, PI *300 kEUR*  
 2003–2020 Sigrid Jusélius Foundation, PI *960 kEUR*  
 2014–2015 Academy of Finland, FIRI 2013 Infrastructure funding, PI *180 kEUR*  
 2012–2016 Academy of Finland, Academy Professorship funding, PI *1950 kEUR*  
 2012–2016 Academy of Finland, LASTU programme, PI *590 kEUR*  
 2010–2014 Strategic Centre for Science, Technology and Innovation SalWe, PI *400 kEUR*  
 2006–2011 Academy of Finland, Academy Professorship funding, PI *800 kEUR*  
 2006–2011 Academy of Finland, Center of Excellence programme, vice-director *3000 kEUR*  
 (PI: Prof. Riitta Hari, TKK)  
 2006–2009 Academy of Finland, Neuro2005 programme, PI *180 kEUR*  
 2003–2007 James S. McDonnell Foundation 21st Century Research Award, PI *450 kUSD*

2003–2005	Academy of Finland, Life as Learning programme, PI 150 kEUR
2000–2005	Academy of Finland, Center of Excellence programme, partner 2000 kEUR (PI: Prof. Riitta Hari, TKK)
2000–2003	EU FP5, partner 180 kEUR (PI: Prof. Cornelius Weiller, University of Hamburg, Germany)
2000–2003	Academy of Finland, Life2000 programme, PI 140 kEUR
1997–2000	Human Frontier Science Program, PI 380 kUSD
1995–2000	Academy of Finland, Research Fellow funding, PI 50 kEUR

### Supervision, teaching

- Supervision of 11 doctoral dissertations (6 with distinction; 8 females, 3 males): Karin Portin (physics, 1998), Päivi Helenius (psychology, 1999), Antti Tarkiainen (physics, 2003), Tiina Parviainen (psychology, 2007), Jan Kujala (physics, 2008), Mia Liljeström (physics, 2010), Johanna Vartiainen (physics/medicine, 2010), Annika Hultén (psychology, 2011), Hannu Laaksonen (physics, 2012), Anni Nora (psychology, 2017); Anna Maria Alexandrou (biomechanics, 2018); mentoring of 4 PhD students abroad (Europe, USA); 4 PhD students currently in training—2 to complete by end of 2018
- Supervision of 14 Master's degrees
- Supervision of 20 postdoctoral scientists (physics 4, psychology 9, neuroscience 1, medicine 2, computational science 4; Australia 1, Finland 12, France 1, Italy 1, South Korea 1, Netherlands 2, Pakistan 1, United Kingdom 1)
- Member of Steering Committee and Selection Committee of the Master's Degree Programme Brain & Mind, Aalto University
- Member of the Executive Committee of the Doctoral Programme Network Brain & Mind, Aalto University/University of Helsinki (formerly Finnish Graduate School of Neuroscience)
- Organizer of the MEG/EEG Course at the Annual Meeting of the Organization for Human Brain Mapping (2005–2008)

### Awards, prizes, honours

2016	Knight, First Class, of the Order of the White Rose of Finland
2016	Curt von Euler Honorary Award and Lecture
2015	Justine and Yves Sergent Award
2011	Fellow of the International Society for Functional Source Imaging
2009	Member of the Finnish Academy of Science and Letters
2003	Philips Nordic Prize for Research on Neurodevelopmental Disorders
2002	Member of Academia Europaea
2000	Wiley Young Investigator Award, Organization for Human Brain Mapping

### Other academic merits

#### Member of international peer evaluation committees

2018	Medical Research Council (MRC) Neurosciences and Mental Health Board, Scientific Review of the MRC Cognition and Brain Sciences Unit, UK
2015	Einstein Center for Neurosciences, Einstein Foundation Berlin, Germany
2012	European Research Council Synergy Grant, Belgium
2010	Quinquennial Review of the Wellcome Trust Centre for Neuroimaging, UK
2008	European Research Council Advanced Grant, Belgium
2005–2008	Wellcome Trust Neuroscience and Mental Health Funding Committee, UK

- 2005 Joint Medical Research Council & Wellcome Trust Review Panel of the Cambridge Behavioural and Clinical Neuroscience Centre, UK
- 2003 Research School of Behavioural and Cognitive Neuroscience, University of Groningen, The Netherlands
- Member of international advisory or expert groups
- 2017–pres External Advisory Board, Wellcome Centre for Integrative Neuroscience (UK)
- 2010–2015 External Advisory Panel, Human Connectome Project consortium (NIH/Washington University & University of Minnesota), USA
- 2010–2013 Scientific Advisory Board, Oxford Centre for Human Brain Activity (OHBA), UK
- Ad-hoc evaluator of research proposals
- Academy of Finland, Human Frontier Science Program, Medical Research Council (UK), National Science Foundation (USA), Netherlands Organization for Scientific Research, Wellcome Trust (UK)
- Thesis examiner of PhD candidates
- Stockholm Univ, Sweden (2017); Univ Maastricht, The Netherlands (2015, 2006); Carnegie Mellon Univ, Pittsburgh, USA (2012); Univ Tampere, Finland (2000)
- Referee in selecting (Assistant, Full, Research) Professor
- Cognitive neuroscience (Director), Max Planck Society, Germany (2013); Neurocognition of Language, University of Potsdam, Germany (2008)
- Referee in promotion of Professor
- Psycholinguistics, Norwegian University of Science and Technology, Norway (2017); Neuroscience, University College London, UK (2013); Neurology, University of California, Irvine, USA (2010, 2012); Psychology, New York University, USA (2009)
- Positions of trust in scientific societies, conference organization
- 2017–2019 Chair, Local Organizing Committee, Neurobiology of Language 2019, Finland
- 2017–pres Member, Scientific Programme Committee, 21<sup>st</sup> International Conference on Biomagnetism (Biomag2018), USA
- 2014–pres Member, Academia Europaea, Medicine and Physiology Section Committee
- 2010–2011 Member, Scientific Committee, 11th International Conference on Cognitive Neuroscience ICON XI, Spain
- 2010 Member, INCF Oversight Committee on Metadata Standards
- 2009–2010 Member, Organizing Committee, Neurobiology of Language conference, USA
- 2006–2008 Education Chair, Programme Committee, Organization for Human Brain Mapping conference series
- 2005 Chair, The Science of Aphasia VI Conference, Finland
- 2004 Member, Organizing Committee, Academia Europaea, 16th Annual Conference, Finland
- 2004 Member, Organizing Committee, NorFA symposium: Time-sensitive neuroimaging of language function, Finland
- 2001–2011 Member, Organizing Committee, The Science of Aphasia conference series
- 2001 Member, Organizing Committee, Optimising fMRI experiments, Finland
- 2000, 2005, 2006 Member, Scientific Committee, International Society for Brain Electromagnetic Topography (ISBET) conference series
- 2000 Member, Organizing Committee, Neuroscience Finland
- 1998 Member, Organizing Committee, Finnish-Japanese Brain Research Symposium, Finland
- 1984 Secretary, 10<sup>th</sup> International Cryogenic Engineering Conference ICEC10, Finland

Editor

2012–pres Frontiers in Brain Imaging Methods, Frontiers, Lausanne  
 2003–pres Human Brain Mapping, Wiley, New York

Member of editorial board

2014–pres PeerJ  
 2014–pres Language, Cognition and Neuroscience, Taylor & Francis, Hove  
 2008–pres Brain Topography, Springer, New York  
 2002–2007 Neuroimage, Elsevier, Amsterdam

Editor of books and journal special issues: 2

- “MEG. An Introduction to Methods”, Oxford University Press (2010)
- Human Brain Mapping Special Issue on Electromagnetic Brain Imaging (2009)

Referee

Multiple journals in the fields of neuroimaging and cognitive neuroscience, incl. Brain, Journal of Cognitive Neuroscience, Journal of Neuroscience, Neuroimage, Neuron, PLoS Biology, Proceedings of the National Academy of Sciences, Science

Invited talks at international conferences: 98

Plenary talks, e.g., Annual Meeting of the Organization for Human Brain Mapping; Annual Meeting of the Academy of Aphasia; Meeting of the International Society for Electromagnetic Topography

Invited talks at international universities and research institutes: 26Scientific and academic administrative responsibilities

2016–2019 Member, Finnish Advisory Board on Research Integrity  
 2014–pres Member, NEUROIMAGING Infrastructure Steering Group  
 2013–pres Chair, Coordinating Group, Finnish Infrastructures for Functional Imaging (FIFI)  
 2013–pres Vice-director, Euro-BioImaging (EuBI) Finland initiative  
 2014–pres Member, Aalto University Research Ethics Committee  
 2011–pres Member, Tenure Track Committee, School of Science, Aalto University  
 2010–2014 Member, Steering Group of the BRAHE consortium (Brain Research at Aalto and Helsinki Universities)

**Scientific and societal impact of research**

Total number of papers in refereed journals (1986-2018): 136  
 Total number of chapters in edited books (1989-2018): 15  
 Citations (1986-2017) ISI WoS/GS [Oct 2018]: 9094/13805  
 H-index (1986-2017) ISI WoS/GS [Oct 2018]: 51/59

<http://www.researcherid.com/rid/I-7044-2012>

<http://scholar.google.fi/citations?hl=fi&user=aqfwwFYAAAAJ>

**Positions of trust in society and other societal merits**

2018–pres Member, Nordic Committee on Bioethics  
 2017–2019 Member, Future Competences Panel, Finnish Ministry of Education and Culture  
 2013–2014 Member, European Commission, President’s Science and Technology Advisory Council (PSTAC)